



KNOW YOUR DEPARTMENT



FOREWORD

This is a fairly complete list of the more significant innovations and modifications introduced by the Alberta Department of Agriculture during the period 1965 - 1970. The more important are first presented in a number of groupings, irrespective of where initiated. Changes and innovations are then listed in a chronological manner, for each Division and the general administration.

The items listed range a great deal in importance. Quite a few of the moves indeed are first in Canada or in the West. While a great deal of the innovations and changes were the result of much inter-divisional consultation it has only been possible to credit the Division that initiated and/or finalized the change. What is important and is amply shown by the large number of items listed is that we all belong to a Department that isn't static, a Department that keeps relevant to the Industry, and one that we can all be proud of.

E. E. Ballantyne, DVM., P.Ag.
F.R.S.H.

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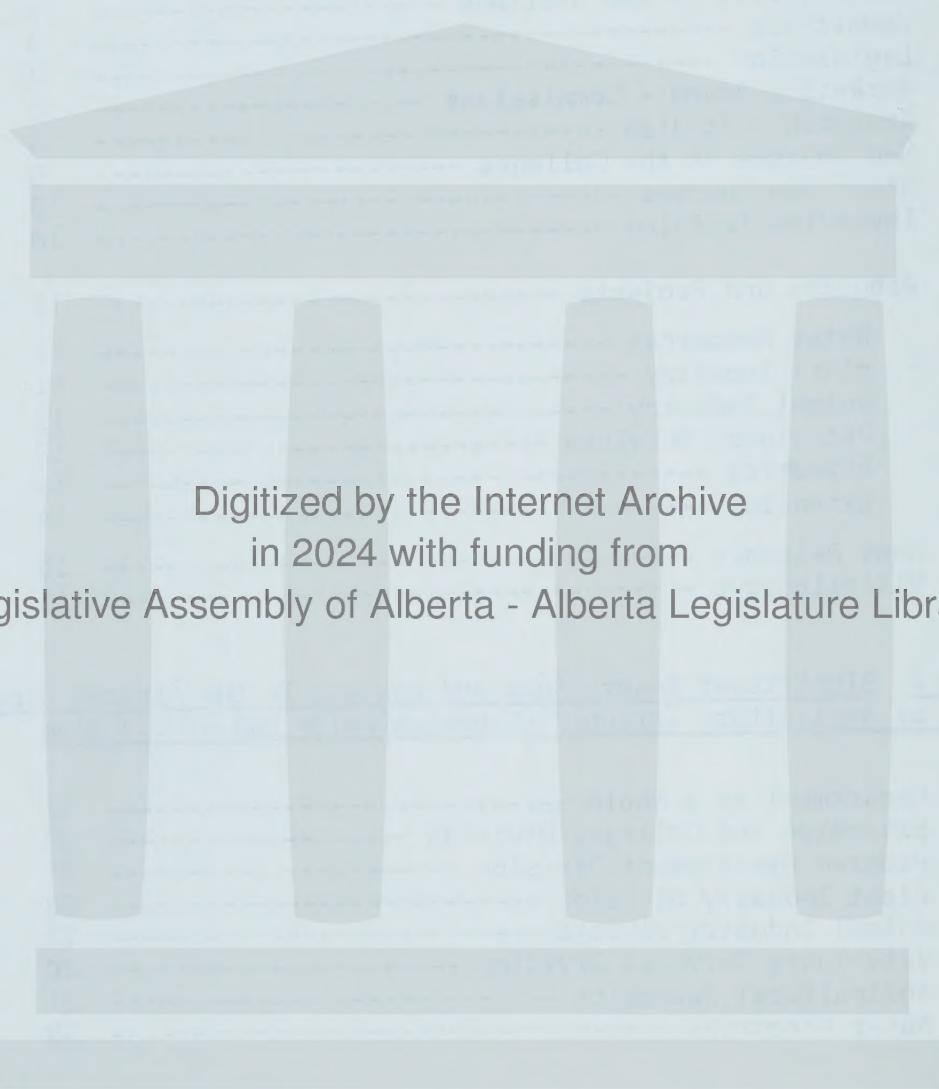
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PART 1

List of significant innovations and changes introduced by the Alberta Department of Agriculture. Groupings by major areas (1965 - 1970)

BASIC RE-ORGANIZATION

Re-organization of the Alberta Department of Agriculture into 7 Divisions reporting to the Deputy instead of 15 Branches

Establishment of Executive Committee of the Alberta Department of Agriculture

Establishment of the Program Development Division with 5 Branches

Re-organization of Extension and Colleges Division into 5 Branches

Establishment of Animal Industry Division through amalgamation of the Dairy Branch, the Livestock Branch and the Poultry Branch

Re-organization of the Farm Economics Branch into a Division and inclusion of the Farm Purchase Board and Statistics in the new grouping

Re-organization of Field Crops Branch into the Plant Industry Division with 5 Branches

Amalgamation of the colonization branch and the Water Resources Branch into the Water Resources Division. Re-organization of Division into 8 Branches - 3 Regional offices

Regionalization - 7 regions planned, each to be administered by a regional agriculturist attached to the Extension Division

Regionalization - Divisions to be represented in all Regions by a Regional Specialist.

Reclassification of personnel

Appointment of a Ministerial Assistant and a Department Executive Secretary

New Head office for the Alberta Department of Agriculture in the former Telephone Building

Consolidation of laboratories in one major building, the new 5½ million dollar O.S. Longman Consolidated Laboratories' building in Edmonton (opened in 1969)

JURISDICTION CHANGES

Transfer of 4-H Branch from Extension to Department of Youth

Milk Control Board from Municipal Affairs to Agriculture

Provincial grazing reserves program, transferred from Program Development Division to Lands and Forests

Toxicology Laboratory and Provincial analyst from Attorney General's Department to Veterinary Services Division

Canada Land Inventory to Program Development Division

Agricultural Marketing Council to Program Development Division

Farm Purchase Board to Economics Division

Statistics to Economics Division

Transfer Agricultural Societies from Extension to Program Development Division,

Agricultural Manpower Committee from Extension to Program Development Division, (Under Municipal Agricultural Programs Branch)

Rural Development Research Branch from the Economics Division to H.R.D.A.,

Agricultural and Vocational Colleges' Branch being incorporated as a Branch of the Extension and Colleges Division

Feed recommendations Service of the Soil and Feed Testing taken over by the Livestock Branch from the University of Alberta

Licensing of applicators taken from Department of Health to Plant Industry Division

Hon. Harry Strom appointed Minister of Municipal Affairs, Hon. Henry Ruste appointed Minister of Agriculture

Rural Resource Coordinators from Extension to Program Development to H.R.D.A.

Administration of Soil and Feed testing laboratory transferred to Plant Industry Division

Colonization Branch to Water Resources Division

Director, Program Development Division appointed chairman of the Joint Specialists group of H.R.D.A.

Deputy Minister appointed chairman of Deputy Ministers' Committee of H.R.D.A.

CONSOLIDATIONS

Centralization of Department of Agriculture accounts

Consolidation of District Agriculturists' offices and District Home Economists' offices into District Extension offices and appointment of District Extension Chairmen

Consolidation of the Information Branch by amalgamation of the Radio, T.V. and other sections with the Publications and Visual Aids Section

Amalgamation of Hail Board and Crop Insurance Corporation to provide comprehensive insurance coverage throughout Alberta

Canada Land Inventory fully integrated under conservation and utilization branch

New Irrigation secretarial assigned to Program Development Division

NEW BRANCHES - NEW SECTIONS

Establishment of the "Systems' Design and Data Analysis Branch" with J. Corr as Head

Establishment of Resource Economics Branch concerned with Economic feasibility studies of water and land development proposals

Establishment of Municipal Agricultural Branch

New Agricultural Manpower office established in Municipal Agricultural Branch

Appointment of Plant Physiologist to complement staffs of soil and feed testing and crop clinic

Establishment of a "Forage" section and appointment of a supervisor for this section

Establishment of a Cereal and Oil Seed Section and appointment of a Supervisor for this section

Expansion of the crop clinic and re-organization into 3 sections: entomology, plant pathology and botany

Separation of the regulatory functions administration from the program, technical, and extension functions. Appointment of a supervisor of Live-stock regulatory services

Appointment of a full time food technologist in charge of frozen food plants

Development of a comprehensive Parasitology Section, Veterinary Services Division

Establishment of Lethbridge regional veterinary laboratory

Restructuring of the Irrigation Council

Establishment of the Leadership Training section of the Extension and Colleges Division

Establishment of Products Promotion office under Information Branch

Establishment of an artist studio and appointment of an artist on staff of the Information Branch

Establishment of the Extension Research Staff position in Extension

Re-organization of publication and visual aids section under Information Branch

Establishment of duplication centre for the whole Department of Agriculture under the Publication and Visual Aids Section. Introduction of more sophisticated equipment

Establishment of permanent film and slide library

Establishment of mailing centre for the Department, under Visual Aids and Publications section

C. J. McAndrews appointed official Trustee and Colonization Manager for L.N.I.D. and U.I.D.

Appointment of a Rural Development Research Head as a liaison between the Alberta Government and the Federation of Southern Alberta Indian Cooperatives, Economics Division

COMMITTEES

Formation of the Alberta Agricultural Coordinating Committee

Formation of Alberta Agricultural Research Trust Committee

Alberta Interdepartmental Committee Pesticides (A.I.C.P.) established as an advisory, operational, and liaison inter-agency group, with representatives from provincial and federal health, fish and wildlife, and agriculture, to review all pesticide problems, and report to the Minister of Agriculture, and through his office to the Ministers of Health, and Lands and Forests

Aquatic Plant Control Committee established with members from Fish & Wildlife, Health, Agriculture, and Industry, to develop effective and safe procedures for controlling water weeds in recreational and irrigation waters

Establishment of the inter-divisional committee on warble control under the administration of the Livestock Branch

Conservation and Utilization Committee re-established November 28 (O.C. 2217/66). Subsequent addition of 5 more members to the Committee

Formed committee on Industrial Weed Control to advise on matters relating to weed control on urban and industrial land

Establishment of County Agricultural Committees

Establishment of County Agricultural Advisory Committees

Establishment of farm adjustment committees

Establishment of the Alberta Corn Committee:

Actively associated with Training and Education Committee of Associate Committee on Agricultural and Forestry Aviation of National Research Council

Establishment of the Extension Advisory Committee to the Director of Extension and Colleges Division

Establishment of Poultry Health Committee

Establishment of an Advisory Committee for the Horned Cattle Fund

With re-organization of services, the Deputy Minister has delegated a greater deal of departmental administrative functions and now plays a much greater part in interdepartmental and interprovincial matters

Involvement of Agricultural and Vocational Colleges with Alberta Colleges' Commission

LEGISLATION

New Department of Agriculture Act

Agriculture Research Trust Act

New Livestock Diseases Act

New Agricultural chemical act to fit with new federal legislation

New Irrigation District Act

New Milk Control Act

Establishment of Agricultural Products Marketing Council

Major amendments to the Colleges Act

Major amendments to regulations under the Artificial insemination of Domestic Animals' Act. (minor amendments in 1970)

Change in feeder cattle association regulations to allow feeding in custom feedlots also increased quaranty limits

Revision of milk control act under the Alberta Department of Agriculture

Passing of new regulations to establish uniform dressing standards and settlement procedures for cattle sold on a rail grade basis

Amendment of A.S.B. Act to provide for more farmer representation in A.S.B.s in improvement Districts

A.S.B. agreements revised to provide more flexibility allowing A.S.B.s to initiate and develop programs as local needs dictate

Amendment of legislation and approval of regulations for Land Clearing and Breaking

Amendments to regulations for land clearing and breaking

Amendments to the Noxious Weed Act to provide for:

1. Inspection of seed cleaning plants in cities and towns
 2. Appeals by seed cleaning plants about the class of permit granted
-

Regulations providing for the appointment of inspectors by all urban and rural municipalities to administer the new chemical act

A.S.B. Act amended to provide for appointment of Advisory Committees to County Agricultural Committees

A.S.B. Act amended to provide for agricultural committees in counties

MARKETING BOARDS & COMMISSIONS

Establishment of the Broiler Growers' Marketing Board, September 1

Establishment of the Turkey Growers' Marketing Board

Establishment of the Potato Commission, June 1

First meeting of Turkey Growers' Marketing Board, January

Establishment of the Alberta Hog Producers' Marketing Board

Establishment of the Egg and Fowl Producers' Marketing Board

Establishment of the Alberta Cattle Commission

Revision in plans and structure of the existing vegetable for processing marketing board

Marketing Council establishes the Marketing Advisory Committee to make recommendations to the Alberta Egg and Fowl Marketing Board

Preliminary work to establish: Alberta forage seed marketing board

Alberta Honey Commission

Alberta Fresh Vegetable Commission

Alberta Sheep and Wool Commission

RESEARCH AND STUDIES

Two year study by consulting firm of Agricultural Extension in Alberta

Establishment of Alberta Agricultural Research Trust 500,000 dollars turned over the Fund in 1966

Water Resources

Initiation of the South Saskatchewan River Basin study

Pilot study of drainage to check high ground water and salt (Magrath irrigation District)

Effect of changing land use on run-off

Value of infra-red photography and imagery in the evaluation and exploration of groundwater

P.R.I.M.E. Athabasca River Basin study

Establishment of the Soil Mechanics and Concrete laboratory in the O.S. Longman Building

Study of irrigation efficiency in community pastures

Extension

Philosophy, objectives and functions of the Extension and Colleges Division

Part played by District Agriculturists in education through short courses, workshops, lectures, etc.

Brief on rural housing

Trends in Farm Development and expected effect on the growth of towns in predominantly rural areas

Survey of situation statements and programs in D.A. Districts

Survey and data analysis re use made by professional staff of the Department of Agriculture and farmers, of the Alberta Farm Guide

Subject matter competence and job priorities in the Home Ec. Branch

Inservice training needs of D.A.s and D.H.E.s based on self appraisal of subject matter competence and subject matter priorities

Principles and procedure of District planning

Principles and procedure of Regional planning

Guidelines for Secretaries and employers

Is a leadership centre needed in Alberta. Analysis of Department of Youth survey and report

Farm Economics

Economic feasibility of a fresh vegetable industry in Albert

Analysis of the administrative structure of irrigation districts

Economics of the cow-calf operation

Economics of the cattle feeding enterprise

Economics of uprights, horizontal and trench silos

Economics of farm machinery decision making

Cost of different methods of marketing eggs

Inventory of the human and physical resources in C.D. 12

Labor machinery substitution

Changes in machinery investment

Determination of the net farm income that can be attributed to land

Preliminary study of computers value to the Division in the handling of data

Design and testing of a computer program to handle individual records of farm business analysis

Analysis of the Foothills and short grass ranching operations

Regressions analysis on cow-calf, feeder cattle and swine enterprises

Changes in revenue costs and investments as farm size increases

Capital required to start farming

Study of the sugar beet industry

Farm labor housing survey

Economic implication of lowering the level of Lesser Slave Lake

Estate planning for security

Partnership and father and son agreements

Farm Management principles for commercial farm operators

Socio-economic conditions of an area bounded by the Peace and Smoky Rivers, Highway 49 and range 24

Background papers for C.D. 12 on population, agriculture, industry, and resources, recreation and tourism

Background papers for C.D. 15

Model and computerized program to determine the demand for water by towns and cities

Implication of the Carter Commission tax proposals to Agriculture

Economic feasibility of proposed water storage and diversion projects for the development of the Red Deer Basin

Progress and success of homesteaders

Study of the benefits of protection from flooding in and around the town of Sundre (Bearberry Creek)

Feasibility study on potential computer applications for the A.D.A. over the next 5 years

Study of how costs and returns are affected by cropping density

Dollar investment required in various farm enterprises to provide one dollar of net income

Consumer credit

Study and evaluation of the turkey marketing environment

Economic feasibility of and the need for, opening additional public lands for settlement in the Fort Vermilion and La Crete areas

Crown land valuation for agricultural purposes

Cost of using a steel structure for seed cleaning plants

Background studies for C.D. 15 on:

1. extending the railroad from Fox Creek to Valleyview
 2. terminal elevator for the Peace River area
 3. appraisal of I.D. 147 and M.D. 130
-

Historical series of Agricultural statistics for Alberta

Animal Industry

Started investigation of Electronic recovery of Brand data (still proceeding)

Grant of 12,000 dollars for beef grading research, through Alberta Division of Canadian Cattlemen

Grant for applied research regarding the possibility of livestock expansion in the Peace River District

Defraying cost of building and part of operating of the bull and steer testing station, " of A

Purchase of electronic equipment at the dairy lab for determination of insecticide residues in food and feeds, appointment of a pesticide chemist

Purchase a milko tester infra-red analyzer to analyze milk, also a gas chromatograph and other equipment

Construction of applied research facilities, Oliver

Initiation of commercial hatching egg cost study

Initiation of random sample broiler feed test, Oliver

Initiation of broiler grower cost study

Initiation of phase feed study, Oliver

Initiation of nutrition-density project, Oliver

Initiation of turkey breeder health program

Initiation of commercial egg cost study

Initiation of broiler hatching egg cost study

Veterinary Services

Improvement of virus units at the Lab. to provide tissue culture technique

Development of fluorescent antibody technique (F.A.T.)

Plant Industry

Developments at the Brooks Horticultural Station re fresh vegetable production storage and marketing

Monitoring of herbicides in cooperation with C.D.A., Department of Health and Consolidated Laboratory

Initiated applied research projects in cooperation with C.D.A. and Agribusiness in:

1. Evaluation of selective herbicides for dandelions control in grass stands
 2. Weed control in forage seed crops
 3. Control of aquatic weeds in recreational areas
-

Investigation of black fly in Northern Alberta in cooperation with Department of Fisheries, and the University and C.D.A.

Initiated applied research field tests plots for improving soil test correlations for nitrogen, phosphorus, potassium and sulphur on cereal and forage crops

Initiation of routine available sulphur test and recommendations for farm soils

Adoption of soil tests for toxic levels of aluminum and manganese on acid soils

Computer used to summarize soil test results for field staff use. Preliminary maps of available phosphorus, potassium and soil reaction (pH) produced by computer plotter

Innovations in the courses offered at the Agricultural and Vocational Colleges

Three weeks course in Land Appraisal and Assessment - Olds

Three months course in Artificial Insemination - Vermilion

Apprenticeship course in Welding, Motor Mechanics - Fairview

Irrigation Technology course - 2 years

Hog Production course, Vermilion

Building materials merchandizing technology - 2 year course

Basic horse shoeing (night class) Olds

Pesticide applicators' course - Now on annual basis

Agro chemicals technology course - 2 years

Agro automation technology - 2 years (materials' handling)

Custodial housekeeping course, Vermilion

Formalized pre-technology sessions (academic up-grading)

Dairy production, 1 month - Vermilion

Formal arrangement with international Agricultural Exchange Association where Olds College is centre for western Canada and provides a one week orientation course

Innovations in Other Courses

Annual Regional Weed Inspector schools initiated to train and up-grade urban and rural Weed Inspectors

Establishment of the Rural Development School at Edson, in cooperation with the University Extension. Course jurisdiction later under H.R.D.A.

Family life education

Furniture finishing, also home storage

Food catering for large community groups

Annual instruction course in weed control to Western Agricultural Pilots' Association

Inservice Training

Regional Agriculturists being brought in one at a time to spend one week in the Deputy Minister's office in order to gain greater appreciation of the total department of Agriculture involvement

Revision of educational leave policy - more payment for cost of tuition

More liberal financial assistance to staff members attending seminars, workshops, summer sessions, etc. if the courses will assist the taker in doing a more satisfactory job

Induction training for new Extension staff, one week at Olds

New policy of appraisal of Extension staff's subject matter competence and subject matter priorities and gearing in-service training accordingly

New system of exams for Assistant D.A.s whereby the written examination is discontinued and replaced by the writing of a paper later debated in front of an examination panel

Training of staff and acquisition of suitable equipment to permit the the making of films for T.V. programs

Compilation in one handy looseleaf record book of all major training taken by District Extension staff (inservice educational leave and other)

PROGRAMS AND PROJECTS

Water Resources

Approval of the "Prairie Rivers Improvement and Management" evaluation plan, (P.R.I.M.E.)

Agreement with Canadian Government and Manitoba - Saskatchewan, to initiate the technical study of the Saskatchewan - Nelson Basin at an estimated cost of 5,000,000 dollars

Initiated program to obtain air photo coverage of all streams which cause major damage during high flows

Undertook new type of construction to alleviate and prevent seepage from canals - A first in Alberta

Concrete lining of irrigation canals was undertaken (Pilot project)

New program in surface drainage and land use planning

Initiation of program to provide both long and short range forecasts of river and streams flow wherever such forecasts are of definite benefit to the Province

Brazeau dam and spillway

Pilot project in cooperation with supervision of community pastures to determine irrigation efficiency from the standpoint of water stored in the soil community pastures

Financial assistance program initiated whereby costs of projects in I.D.s, North of the 55th parallel will be shared equally by Water Resources Division and the Northern Alberta Development Council

Major change in the operation of the gauge program by turning it over to the District Irrigationists

Plant Industry

Provision for grants through the Agricultural Service Board agreement for the retention of native trees when used as a shelterbelt

Centennial Tree planting policy providing free trees for centennial school tree planting projects and other centennial projects

Production of young trees for reforestation under Lands and Forests

Provision for Horticulture information to be provided to urban residents through agreements with local governments

Initiation and implementation of fresh vegetable production and marketing policy

Use of computers in the interpretation of soil testing recommendations

Establishment of new policy on soil and feed testing

Provision for financial assistance made available to the local authority such as a county, municipality, improvement district, or special areas, for establishment of warble fly control area, also provision of funds for control in Indian reservations - First warble control area in Wetaskiwin - 1968

Incorporation of ARDA Land Reclamation project into the A.S.B. and weed control programs

Provision of funds for participation of Indian Reserves and Metis Colonies in weed control programs

Organized plan for monitoring of herbicides: crop damage, pollution, residues. This in cooperation with consolidated lab, C.D.A., Department of Health

Under A.S.B. agreement, funds are provided for purchase of insecticide spray equipment and for demonstration of use of insecticides

Phasing out of long lasting organo chlorine insecticides as newer but shorter lasting organo phosphates and carbamates become available

Considerable step up in assistance to the Plant and Products Division of C.D.A. in maintaining quality standards in regard to safe levels of pesticides in feeds

Considerable step up in assistance to the Food and Drugs Division of the Federal Government in maintaining quality standards in regard to safe levels of pesticides in foods

Policy statement for Pesticide Residue testing was updated by Food Residue Committee

Initiated the organization of Western Agricultural Pilots' Association and acting as liaison between that association and the government

Temporary forage assistance policy coordinated with "operation lift" whereby the A.D.A. will pay $\frac{1}{2}$ the cost of forage seed purchased up to a maximum of \$600.00 per farm

Temporary policy of 1000 dollars loans to farms in Northern Districts

Loans to farmers for grain drying (temporary only)

Animal Industry

Discontinuation of the bull, boar, ram and dairy calves purchase policies

Initiation of progeny test program

Change in the R.O.P. for swine bringing in backfat probing as well as sire progeny testing

Initiation of Record of Performance testing program

Initiated policy of assistance to progeny testing of sires for beef production

Assuming of the responsibility for fluid milk farm inspection throughout the Province on a gradual phased-in program (to be completed in 1972)

Establishment of the cooperative "quality milk control" program with special reference to mastitis - Calgary, in cooperation with Veterinary Services Division, Extension, and others

Initiated liaison between the sheep industry and the Department of Lands which resulted in development of Grazing Reserves for sheep

Entered the Federal-Provincial Sheep Freight Assistance Policy

Establishment of avian-encephalomyelitis free flock, Oliver

Initiation of chicken health program in cooperation with Veterinary Services Division

Initiation of hatchery sanitation program

Veterinary Services

Organized health herd program for turkey hatching eggs in cooperation with the Poultry Branch

Organized disease control program in provincial grazing reserves

Commenced phasing out of Brucellosis Control Program with change to Communicable Disease Control encompassing epizootiology - Disease reporting

Expanded activity in the control of reproductive system diseases with special emphasis on vibriosis

Construction of Alberta Department of Agriculture's second regional Veterinary Diagnostic Laboratory at Fairview

Resulting from 3 year's of research into problems associated with maintaining private farm animal veterinary practice, the pilot project at Fairview - cooperative effort - local community - government and Alberta Veterinary Medical Association - Clinic opened at Fairview

Fur Farms

Guaranteed loan policy for mink ranchers - plus economic study

Economics

Revision of farm business analysis sheet to supply information required on labor and other physical inputs

Introduction of Can-Farm in cooperation with the Canada Department of Agriculture

Establishment, in cooperation with D.B.S. of

1. procedure to estimate cattle on feed
 2. procedure to estimate forage seed production (both are pilot projects)
-

Farm Enterprise reports started under Bruce Hackett

Data analysis by computer

Program Development

Launching of Marketing promotion campaign

Saddle Lake Indian Reserve Development Project - First under Land Improvement and Consolidation Program

Land Assembly project

Completion of Federal-Provincial crop insurance agreement. Formation of crop insurance corporation

Direction 70' (organizing and supervising)

Municipal Agricultural Programs["] provides a limited budget to Regional Agriculturists for Agricultural Service Board programs

ARDA agreement signed (5 years), April 1

Extension

Extension & Colleges and Economics Division increase emphasis and resources to make Farm Management a major program

New policy decision regarding administration, courses, enrollment and 10 year multiphase building program (25 million)

Much greater emphasis on program planning and implementation with special action on:

1. Total concept, that is farm, family and community development
 2. Planning long and short term
 3. Cooperative involvement in District and Regional planning of Extension, Agricultural Service Board, Agribusiness and farm organizations, through County Agricultural Advisory Committees
 4. Greater emphasis on participation of the clientele in program planning and implementation
 5. Action according to priority needs
 6. Implementation throughout the Department of the Management by Commitment principle
-

Greater emphasis on human resources, family life education, consumer education, rural housing, pollution - more work with Indian and Metis

Greater emphasis on the needs of low productivity areas

Inservice training of Extension staff more based on subject matter competence in relation to subject matter priorities

More decisions on Regional basis

Greater emphasis on T.V.

Continued expansion of the District Extension offices, network from 44 to 53 in the period 1965 - 70.

Cooperation with Program Development in organization of producer, industry and government concerted marketing effort regarding crops

Branching out to servicing the cities, with appointment of a Home Economist for the city of Edmonton

Shift in Extension teaching to courses in depth, related to priority needs of farm families

News Releases

Remarks of Interest from District Agriculturists initiated

Remarks of Interest from Home Economists

New monthly release for Home Economist teachers, Home Economists in Agribusiness, and for the Press (500 copies)

Started a sheep industry newsletter - "Sheep Notes & News"

Started Alberta Produce release

Started "New for Homemakers"

Miscellaneous

Introduction of the Agdex system and implementation by Publication Branch, Engineering Branch, and District Extension offices

Change in Department annual report format with considerable reduction in size

Record of absence form (P.A. 036) in lieu of time reports, for technical personnel

Budgeting by and/or for programs

Budgeting two years in advance

Greater use of inter-division committees to look into matters needing investigation and to report to the Deputy

Name change for District Agriculturist office to District Extension office. Naming of District Extension chairman

Policy regarding greater use of consultants

Compilation of Extension Manual

GLG/ser
May 28/70

PART 2Significant innovations and changes in the Alberta Department of Agriculture arranged chronologically and by Division (1965 - 1970)DEPARTMENT AS A WHOLE

ARDA agreement signed (5 years), April 1	1965
R. M. Putnam retires after 10 years of service as Deputy Minister, E. E. Ballantyne appointed in his place	1965
Establishment of Alberta Agricultural Research Trust 500,000 dollars turned over to the Fund in 1966	1965
Formation of the Alberta Agricultural Coordinating Committee	
Reorganization of the Colleges' Branch under the Extension & Colleges Division and new policy decision regarding administration, courses, enrollment and 10 year multiphase building program (25 million)	1965 1966
Development of the Alberta Colleges Commission for the eleven C.C. Colleges in Alberta. Colleges presently under the approval of the commission but management retained by the Department of Agriculture	1966
Reorganization of the Alberta Department of Agriculture into 7 Divisions reporting to the Deputy instead of 15 Branches	1966
Establishment of Executive Committee of the Alberta Department of Agriculture	1966
Approval of regionalization - 7 Regions each with a Regional Agriculturist and a nucleus of regional specialists	1966
New Head office for the Alberta Department of Agriculture in the former Telephone Building, moved in February	1967
Consolidation of laboratories in one major building, the newest 5½ million dollar O. S. Longman Consolidated Laboratories' building in Edmonton (opened in 1969)	1967
Reclassification of personnel	1967- 1968
Hon. Harry Strom appointed Minister of Municipal Affairs, Hon. Henry Ruste appointed Minister of Agriculture	1968
Appointment of R.H. McMillan as Executive Secretary to the Deputy Minister with jurisdiction over the Chief Accountant and the Personnel Officer	1968
Budgeting by and/or for programs	1968
Budgeting two years in advance	1968
Speech from the Throne announced that Extension & Colleges and Economics Division would increase emphasis and resources to make Farm Management a major program	1968
Introduction for technical personnel, of the record of absence form (P.A. 036) in lieu of time reports	1968
Director, Program Development Division appointed chairman of the Joint Specialists group of H.R.D.A., October 1	1968

Two year study by consulting firm of Agricultural Extension in Alberta	1968
Deputy Minister appointed chairman of Deputy Ministers' Committee of H.R.D.A.	1968
Appointment of Don Potter as Ministerial Assistant	1969
Revision of educational leave policy - more payment for cost of tuition	1969
Policy regarding greater use of consultants	1969
Centralization of accounts branch	1969
Change in annual report format with considerable reduction in size	1969
More decisions on Regional basis	1969
Greater use of inter-division committees to look into matters needing investigation and to report to the Deputy	1970
Regional Agriculturists being brought in one at a time to spend one week in the Deputy Minister's office in order to gain greater appreciation of the total department of Agriculture involvement	1970
Adoption by the Alberta Department of Agriculture for implementation throughout of the management by commitment principle	1970
With reorganization of services, the Deputy Minister has delegated a great deal of departmental administrative functions and now plays a much greater part in interdepartmental and interprovincial matters	1970

Farm Management recognized by the Division and by the Department as a major program for the Extension & Colleges Division	1965
Re-organization of publication and visual aids section under J.M. Fontaine	1965
First step in Regionalization of Extension through Regionalization of the Agricultural Engineering Branch	1965
Introduction of the Agdex system and implementation by Publication Branch, Engineering Branch, and District Extension offices	1965
Appointment of 1st ARDA Regional Coordinator, under the Extension and Colleges Division	1965
Agricultural and Vocational Colleges' Branch being incorporated as a Branch of the Extension and Colleges Division	1966
Appointment of 1st Regional Agriculturist (Calgary)	1966
Establishment of the Extension Advisory Committee to the Director of Extension and Colleges Division	1966
Transfer of 4-H Branch from Extension to Department of Youth September 1	1966
Shift in Extension teaching to courses in depth, related to priority needs of farm families	1966
Establishment of permanent film and slide library	1966
New D.H.E. project in food catering for large community groups	1966
Re-organization of Extension and Colleges Division into 5 branches	1967
Establishment of the Leadership Training section of the Extension and Colleges Division	1967
Establishment of Products Promotion office under Information Branch	1967
Establishment of an artist studio and appointment of an artist on staff of the Information Branch	1967
Name change for District Agriculturist office to District Extension office. Naming of District Extension Chairman	1967
Remarks of Interest from District Agriculturists initiated	1967
Induction training for new staff. One week at Olds	1967
Considerable accentuation of emphasis on community development and human relations as a result of Mr. Manning's white paper	1967
Establishment of the Extension Research Staff position in Extension-	1968
Establishment of duplication centre for the whole Dept. of Agriculture under the Publication and Visual Aids section. Introduction of highly sophisticated equipment	1968
Setting forth the principles of Regional planning and establishing a procedure for the Alberta Department of Agriculture	1968
Greater emphasis on T.V. and participation of staff in T.V. programming	1968

Setting forth the philosophy, objectives and functions of the Extension and Colleges Division

1968

Pilot project in family life education

1968

New project in furniture finishing, also home storage

1968

New monthly release for Home Economist teachers, Home Economists in Agribusiness, and for the Press (500 copies)

1968

Training of staff and acquisition of suitable equipment to permit the making of films for T.V. programs

1969

Branching out to servicing the cities, with appointment of a Home Economist for the city of Edmonton and of an horticulturist for the city of Red Deer

1969

Establishment of mailing centre for the Department under Visual Aids and Publications section

1969

Change in Master Farm Family program allowing two master farm families in a year per Region providing the total for Alberta does still not exceed 5 Master Farm Families

1969

Setting forth principles of District planning and practical application for the District Extension Service

1969

New policy of appraisal of staff's subject matter competence and subject matter priorities and gearing in-service training accordingly

1969

Much greater emphasis on program planning and implementation with special action on:

1. Total concept, that is farm family and community development
2. Planning long and short term
3. Cooperative involvement in District and Regional planning of Extension, Agricultural Service Board, Agribusiness and farm organizations, through County Agricultural Advisory Committees
4. Action according to priority needs and personal commitment

1969

New system of exams for Assistant D.A.s whereby the written examination is discontinued and replaced by the writing of a paper later debated in front of the examination panel

1970

Greater staff involvement in Marketing and Farm Management

1970

Consolidation of the Information Branch by amalgamation of the Radio, T.V. and other sections with the Publications and Visual Aids Section

1970

Continued expansion of the District Extension offices, network from 44 to 53 in the period 1965-70

1970

Formal arrangement with international Agricultural Exchange Association where Olds College is centre for western Canada and provides a one week orientation course

1970

Innovations in the courses offered at the
Agricultural and Vocational Colleges

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Three weeks course in Land Appraisal and Assessment - Olds	1965
Three months course in Artificial Insemination - Vermilion	1965
Apprenticeship course in Welding, Motor Mechanics - Fairview	1965
Irrigation Technology course - 2 years	1966
Hog Production course, Vermilion	1967
Building materials merchandizing technology - 2 year course	1968
Basic horse shoeing (night class) Olds	1968
Pesticide applicators' course	1968
Agro chemicals technology course - 2 years	1969
Agro automation technology - 2 years (materials' handling)	1969
Custodial housekeeping course, Vermilion	1969
Formalized pre-technology sessions (academic up-grading)	1969
Dairy production, 1 month - Vermilion	1970

PROGRAM DEVELOPMENT DIVISION

Establishment of Program Development Division, April 1st	1966
Transfer of Rural Resources Co-ordinators from Extension to Program Development Division May 1st	1966
Establishment of the Agricultural Products Council formed July 1, 1965, became a branch of Program Development Division April 1st	1966
C.J. McAndrews appointed official Trustee and Colonization Manager for L.N.I.D. and U.I.D.	1966
Land Assembly project approved, October 12	1966
Conservation and Utilization Committee re-established November 28 (O.C. 2217/66)	1966
Last of Colonization Manager's property transferred to L.N.I.D.	1967
Establishment of Municipal Agricultural Programs Branch, April 1st	1967
Saddle Lake Indian Reserve Development Project - First under Land Improvement and Consolidation Program	1967
Provincial grazing reserves program, transferred from Program Development Division to Lands and Forests, March 31	1967
Farm Adjustment and Consolidation Extended to C.D. 12	1967
Co-ordinator of Canada Land Inventory assumes duties - June 18	1967
Appointment of Regional Co-ordinator for C.D. 15, July 1st.	1967
Canada Land Inventory fully integrated under conservation and utilization branch	1968
Transfer Agricultural Manpower Committee from Extension to Program Development Division, April 1 (Under Municipal Agricultural Programs Branch)	1968
Amendment of legislation and approval of regulations for Land Clearing and Breaking	1968
Transfer Agricultural Societies from Extension to Program Development Division April 1	1968
Slave Lake Project announced, September	1968
New Irrigation Act passed (Bill 41) May 2	1968
Analysis of the administration structure of irrigation districts initiated in 1965 and new irrigation secretarial assigned to Program Development Division April 1 (Became operational August 1)	1968
ARDA seconded to HRDA October 1; Director seconded 50% - 70% basis	1968
Establishment of farm adjustment committees	1968- 1969
Establishment of the Rural Development School at Edson, in co-operation with the University Extension	1969
Consolidation of all separate irrigation district acts in one all embracing Irrigation District Act	1969
Setting up of crop and hail insurance under one Board	1969

addition of 5 members to Conservation and Utilization Committee by O.C. 135/69	1969
Launching of Marketing promotion campaign	1970
Municipal Agricultural Programs provides a limited budget to Regional Ag- riculturists for Agricultural Service Board programs	1970
Supervisor of Agricultural Manpower appointed March	1970

MARKETING COUNCIL

Establishment of the Alberta Marketing Council	1968
Establishment of the Broiler Growers' Marketing Board, September 1	1966
Establishment of the Turkey Growers' Marketing Board	1966
Establishment of the Potato Commission, June 1	1966
First meeting of Turkey Growers' Marketing Board, January	1967
Establishment of the Alberta Hog Producers' Marketing Board	1968
Establishment of the Egg and Fowl Producers' Marketing Board	1968
Establishment of the Alberta Cattle Commission	1969
Revision in plans and structure of the existing vegetable for processing marketing board	1969
Marketing Council establishes the Marketing Advisory Committee to make recommendations to the Alberta Egg and Fowl Marketing Board	1970
Preliminary work to establish: Alberta forage seed marketing board	1970
Alberta Honey Commission	1970
Alberta Fresh Vegetable Commission	1970
Alberta Sheep and Wool Commission	1970

PLANT INDUSTRY DIVISION

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Considerable step up in assistance to the Food and Drugs Division of the Federal Government in maintaining quality standards in regard to safe levels of pesticides in foods

1965

Considerable step up in assistance to the Plant and Products Division of C.D.A. in maintaining quality standards in regard to safe levels of pesticides in feeds

1965

Establishment of interdepartmental committee on pesticides

1965

Completion of Federal-Provincial crop insurance agreement. Formation of crop insurance corporation

1965

Incorporation of ARDA Land Reclamation project into the A.S.B. and weed control programs

1965

A.S.B. Act amended to provide for agricultural committees in counties

1965

A.S.B. Act amended to provide for appointment of Advisory Committees to County Agricultural Committees

1965

Dieldrin being phased out and replaced by dimethoate for grasshopper control

1965

Alberta Interdepartmental Committee Pesticides (A.I.C.P.) established as an advisory, operational, and liaison inter-agency group, with representatives from provincial and federal health, fish and wildlife, and agriculture, to review all pesticide problems, and report to the Minister of Agriculture and through his office to the Ministers of Health, and Lands and Forests

1965

Investigation of black fly in Northern Alberta in corporation with Department of Fisheries, and the University and C.D.A.

1965

Phasing out of long lasting organo chlorine insecticides as newer but shorter lasting organo phosphates and carbamates become available

1965

Annual Regional Weed Inspector schools initiated to train and up-grade urban and rural Weed Inspectors

1965

Re-organization of Field Crops Branch into the Plant Industry Division with 5 Branches

1966

Start of regionalization in the Division by appointment of Regional Plant Industry Supervisors

1966

Administration of Soil and Feed testing laboratory transferred
Plant Industry Division

1966

Initiated the organization of Western Agricultural Pilots Association. Providing annual instructional courses in weed control and acting as liaison between association and government	-2-- 1966
Initiation and implementation of fresh vegetable production and marketing policy	1967
Establishment of new policy on soil and feed testing (August 1)	1967
Establishment of a Cereal and Oil Seed Section and appointment of a Supervisor for this section	1967
Use of computers in the interpretation of soil testing recommendations	1967
Amendments to the Noxious Weed Act to provide for: 1. Inspection of seed cleaning plants in cities and towns 2. Appeals by seed cleaning plants about the class of permit granted	1967
Centennial Tree planting policy providing free trees for centennial school tree planting projects and other centennial projects	1967
Production of young trees for reforestation under Lands and Forests	1967
Aquatic Plant Control Committee established with members from Fish & Wildlife, Health, Agriculture, and Industry, to develop effective and safe procedures for controlling water needs in recreational and irrigation waters	1968
Policy statement for Pesticide Residue testing was updated by Food Residue Committee	1968
Soil and Feed Testing Laboratory moved to new O.S. Longman Building, Oct.	1968
Computer used to summarize soil test results for field staff use. Preliminary maps of available phosphorus, potassium and soil reaction (pH) produced by computer plotter	1968
A.S.B. agreements revised to provide more flexibility allowing A.S.B.s to initiate and develop programs as local needs dictate	1968
Initiated herbicide courses for pesticide applicators. Now provided on annual basis	1968
Amendment of A.S.B. Act to provide for more farmer representation in A.S.B.s in improvement Districts	1969
Provision of funds for participation of Indian Reserves and Metis Colonies in weed control programs	1969

Provision of funds for warble fly control in Indian Reservations	1969
Organized plan for monitoring of herbicides: crop damage, pollution, residues. This in cooperation with consolidated lab, C.D.A., Department of Health	1969
Expansion of the crop clinic and re-organization into 3 sections: entomology, plant pathology and botany	1969
Direction 70 ¹ (organizing and supervising)	1969
Loans to farmers for grain drying (temporary only)	1969
Provision for Horticulture information to be provided to urban residents through agreements with local governments	1969
Under A.S.B. agreement funds are provided for purchase of insecticide spray equipment and for demonstration of use of insecticides to control insects	1969
Provision for financial assistance made available to the local authority such as a county, municipality, improvement district, or special areas, for establishment of warble fly control area	1969
Initiated applied research field tests plots for improving soil test correlations for nitrogen, phosphorus, potassium and sulphur on cereal and forage crops	1969
Appointment of Plant Physiologist to complement staffs of soil and feed testing and crop clinic	1969
Amalgamation of Hail Board and Crop Insurance Corporation to provide comprehensive insurance coverage throughout Alberta	1969
Actively associated with Training and Education Committee of Associate Committee on Agricultural and Forestry Aviation of National Research Council	1969
New Agricultural chemical act to fit with new federal legislation	1970
Licensing of applicators taken over from Department of Health	1970
Regulations providing for the appointment of inspectors by all urban and rural municipalities to administer the new chemical act	1970
Initiated applied research projects in cooperation with C.D.A. and Agribusiness in: <ol style="list-style-type: none"> 1. Evaluation of selective herbicides for dandelions control in grass stands 2. Weed control in forage seed crops 3. Control of aquatic weeds in recreational areas 	1970

Temporary forage assistance policy coordinated with "operation lift" whereby the A.D.A. will pay $\frac{1}{2}$ the cost of forage seed purchased up to a maximum of \$600.00 per farm	1970
Establishment of the Alberta Corn Committee	1970
Temporary policy of 1000 dollars loans to farms in Northern Districts	1970
Formed committee on Industrial Weed Control to advise on matters relating to weed control on urban and industrial land	1970
Initiation of routine available sulphur test and recommendations for farm soils	1970
Cooperation with Program Development in organization of producer, industry and government concerted marketing effort regarding crops	1970
Adoption of soil tests for toxic levels of aluminum and manganese on acid soils	1970
Establishment of a "Forage" section and appointment of a supervisor for this section	1970
Provision for grants through the Agricultural Service Board agreement for the retention of native trees when used as a shelterbelt	1970

ANIMAL INDUSTRY DIVISION

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Feed recommendations on Service of the Soil and Feed Testing taken over by the Livestock Branch from the University of Alberta	1965
Initiation of progeny test program	1965
Purchase of electronic equipment at the dairy lab for determination of insecticide residues in food and feeds, appointment of a pesticide chemist	1965
Initiation of Record of Performance Program for sheep	1965
Initiation of hatchery sanitation program	1965
Initiation of broiler grower cost study	1965
Establishment of <u>Animal Industry Division</u> through amalgamation of the Dairy Branch, the Livestock Branch and the Poultry Branch	1966
Initiation of turkey breeder health program	1966
Initiation of commercial egg cost study	1966
Initiation of broiler hatching egg cost study	1966
Initiated policy of assistance to progeny testing of sires for beef production	1967
Initiated commercial beef performance testing program	1967
Moved to 4th floor of 100th Avenue Building	1967
Started investigation of Electronic recovery of Brand data (still proceeding)	1967
Appointment of first two Regional Livestock supervisors	1967
Entered the Federal-Provincial Sheep Freight Assistance Policy	1967
Initiated liaison between the sheep industry and the Department of Lands which resulted in development of Grazing Reserves for sheep	1967
Construction of applied research facilities, Oliver	1967
Initiation of nutrition-density project, Oliver	1967

Initiation of random sample broiler feed test, Oliver	1967
Establishment of Poultry Health committee	1967
Appointment of a full time food technologist in charge of frozen food plants	1968
Establishment of the cooperative "quality milk control" program with special reference to mastitis - Calgary	1968
Further improvements to dairy and food lab - purchase of a milko tester at Edmonton to replace the Babcock test for butterfat. Purchase of an infra-red analyzer to analyze milk, also a gas chromatograph and other equipment	1968
First warble control area - Wetaskiwin	1968
Separation of the regulatory functions administration from the program, technical, and extension functions. Appointment of a supervisor of Livestock regulatory services	1968
Change in the R.O.P. for swine bringing in backfat probing as well as sire progeny testing	1968
Discontinuation of the bull purchase assistance policy	1968
Assuming of the responsibility for fluid milk farm inspection throughout the Province on a gradual phased in program (to be completed in 1972)	1968
Major amendements to regulations under the Artificial insemination of Domestic Animals' Act. (minor amendements in 1970)	1968
Establishment of the inter-divisional committee on warble control under the administration of the Livestock Branch	1968
"Dairy Laboratory" changed to "Dairy & Food Laboratory" to more accurately describe developing functions and capabilities	1968
Initiation of commercial hatching egg cost study	1968
Change in feeder cattle association regulations to allow feeding in custom feedlots also increased quaranty limits	1969
Establishment of an Advisory Committee for the Horned Cattle Fund	1969
Revision of milk control act under the Alberta Department of Agriculture	1969

Establishment of the milk control board according to the 1969 milk control act revision and responsible only to the Minister of Agriculture	1969
Grant of 12,000 dollars for beef grading research, through Alberta Division of Canadian Cattlemen	1969
Grant for appied research regarding the possibility of livestock expansion in the Peace River District	1969
Start of dairy herd testing laboratories consolidation in the O. S. Longman Building	1969
Discontinuation of the boar, ram and dairy calves purchase policy	1969
Passing of new regulations to establish uniform dressing standards and settlement procedures for cattle sold on a rail grade basis	1969
Initiation of phase feed study, Oliver	1969
Establishment of avian-encephalomyelitis free flock, Oliver	1969
Initiation of chicken health program	1969
Started a sheep industry newsletter - "Sheep Notes & News"	1969
Defraying cost of building and part of operating of the bull and steer testing station, U of A	1970

Major changes in Policies, Programs or Operations over past 5 years:

Laboratory Services

Establishment of Lethbridge regional veterinary laboratory	1965
Development of fluorescent antibody technique (F.A.T.)	1967
Development of a comprehensive Parasitology Section	1968
Transfer of Toxicology Laboratory and Provincial Analyst from the Attorney General's Department to the Veterinary Services Division	1968
Move into O. S. Longman Laboratory Building with major change of reference to include consolidated laboratories concept, i.e. (other disciplines)	1969
Improvement of virus units at the Lab. to provide tissue culture technique	1969
Construction of Alberta Department of Agriculture's second regional Veterinary Diagnostic Laboratory at Fairview	1970

Field Services

Organized health herd program for turkey hatching eggs in cooperation with the Poultry Branch	1965
Organized disease control program in provincial grazing reserves	1966
Commenced phasing out of Brucellosis Control Program with change to Communicable Disease Control encompassing epizootiology - Disease reporting	1967
Expanded activity in the control of reproductive system diseases with special emphasis on vibriosis	1968
Regional development - Calgary Quality Milk Control Program	1968
New Livestock Diseases Act	1969
Organized "chicken health" program in cooperation with the Poultry Branch	1969
Resulting from 3 year's of research into problems associated with maintaining private farm animal veterinary practice, the pilot project at Fairview - cooperative effort - local community - government and Alberta Veterinary Medical Association - Clinic opened at Fairview.	1970

Fur Farms

Guaranteed loan policy for mink ranchers - plus economic study	1970
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Farm Enterprise reports started under Bruce Hackett	1965
Development of a computer program to handle individual records of farm business analysis - Design and testing was completed during the year - Actual operation in 1966	1965
Revision of farm business analysis sheet to supply information required on labor and other physical inputs	1965
First two regional economist offices (Calgary and Lethbridge) become operational	1965
Re-organization of the Farm Economics Branch into a Division and inclusion of the Farm Purchase Board and Statistics in the new grouping	1966
Appointment of an Assistant Director	1967
Establishment, in cooperation with D.B.S. of 1. procedure to estimate cattle on feed 2. procedure to estimate forage seed production (both are pilot projects)	1967
Introduction of Can-Farm in cooperation with the Canada Department of Agriculture	
Establishment of the "Systems' Design and Data Analysis Branch" with J. Gorr as Head	1968
Transfer of the jurisdiction for the Rural Development Research Branch from the Economics Division to H.R.D.A., Oct. 1	1968
Appointment of a Rural Development Research Head as a liaison between the Alberta Government and the Federation of Southern Alberta Indian Cooperatives	1968
Establishment of Resource Economics Branch concerned with Economic feasibility studies of water and land development proposals	1969

MAJOR STUDIES OR INVESTIGATIONS MADE

Economic feasibility of a fresh vegetable industry in Alberta	1965
Analysis of the administrative structure of irrigation districts	1965
Economics of the cow-calf operation	1965
Economics of the cattle feeding enterprise	1965
Economics of uprights, horizontal and trench silos	1965
Economics of farm machinery decision making	1965
Costs of different methods of marketing eggs	1965
Inventory of the human and physical resources in C.D. 12	1965
Labor machinery substitution	1966
Changes in machinery investment	1966
Determination of the net farm income that can be attributed to land	1966

Analysis of the Foothills and short grass ranching operations	1966
Regressions analysis on cow-calf, feeder cattle and swine enterprises	1966
Changes in revenue costs and investments as farm size increase	1966
Capital required to start farming	1966
Study of the sugar beet industry	1966
Farm labor housing survey	1966
Economic implication of lowering the level of Lesser Slave Lake	1966
Estate planning for security	1966
Partnership and father and son agreements	1966
Farm management principles for commercial farm operators	1966
Socio-economic conditions of an area bounded by the Peace and Smoky rivers, Highway 49 and range 24	1966
Background papers for C.D. 12 on population, agriculture, industry and resources, recreation and tourism	1967
Background papers for C.D. 15	1967
Model and computerized program to determine the demand for water by towns and cities	1967
Implication of the Carter Commission tax proposals to Agriculture	1967
Economic feasibility of proposed water storage and diversion projects for the development of the Red Deer Basin	1967
Progress and success of homesteaders	1967
Study of the benefits of protection from flooding in and around the town of Sundre (Bearberry Creek)	1967
Feasibility study on potential computer applications for the A.D.A. over the next 5 years	1968
Study of how costs and returns are affected by cropping density	1968
Dollar investment required in various farm enterprises to provide one dollar of net income	1968
Consumer credit	1968
Study and evaluation of the turkey marketing environment	1968
Economic feasibility of and the need for, opening additional public lands for settlement in the Fort Vermilion and La Crete areas	1968
Crown land valuation for agricultural purposes	1968
Cost of using a steel structure for seed cleaning plants	1968
Background studies for C.D. 15 on: 1. extending the railroad from Fox Creek to Valleyview 2. terminal elevator for the Peace River Area 3. Appraisal of I.D. 147 and M.D. 130	1968
Historical series of Agricultural statistics for Alberta	1968

Approval of the "Prairie Rivers Improvement and Management" evaluation plan, (P.R.I.M.E.)	1965
Initiated study of the effect of changing land use on run-off	1965
Initiated program to obtain air photo coverage of all streams which cause major drainage during high flows	1965
Undertook new type of construction to alleviate and prevent seepage from canals - A first in Alberta	1965
Participation in the Saskatchewan, Nelson River preliminary study	1965
Amalgamation of the colonization branch and the Water Resources Branch into the Water Resources Division	1966
Complete re-organization of the structure of both former branches into internal and external administration. Also 9 branches and 3 regional offices	1966
Financial assistance program initiated whereby costs of projects in I.D.'s, North of the 55th parallel will be shared equally by Water Resources Division and the Northern Alberta Development Council	1966
Concrete lining of irrigation canals was undertaken (Pilot project)	1966
Pilot project in cooperation with supervision of community pastures to determine irrigation efficiency from the standpoint of water stored in the soil community pastures	1966
Pilot study of drainage to check high ground water and salt (Maugrath irrigation District)	1966
Agreement with Canadian Government and Manitoba - Saskatchewan, to initiate the technical study of the Saskatchewan - Nelson Basin at an estimated cost of 5,000,000 dollars	1967
Establishment of the Saskatchewan - Nelson Basin Board	1967
Initiation of the South Saskatchewan River Basin study	1967
New program in surface drainage and land use planning	1967
Pilot project S.E. of Claresholm to investigate the value of infra-red photography and imagery in the evaluation and exploration of groundwater	1967
Major change in the operation of the gauge program by turning it over to the District Irrigationists	1967
New Irrigation Act	1968
Restructuring of the Irrigation Council	1968
Preliminary study of computers value to the Division in the handling of data	1968
Initiation of program to provide both long and short range forecasts of river and streams flows wherever such forecasts are of definite benefit to the Province	1968
P.R.I.M.E. Athabasca River Basin study	1968
Start of the Brazeau dam and spillway	1968
Establishment of the Soil Mechanics and Concrete Laboratory in the O.S. Longman Building	1969

PART 3

Firsts for the Alberta Department of Agriculture

First in Canada

- * 1. Seed Cleaning Plants
- * 2. Agricultural Service Board
- * 3. Brand Inspection
- 4. Agricultural Research Trust
- 5. Use of whole blood test for pullorum testing
- * 6. Brucellosis Restricted Areas
- 7. Swine Health Program
- 8. Turkey Health Program
- * 9. Rat Control
- 10. Irrigation Policy
- 11. Consolidated Laboratory services in \$5,500,000 building
- 12. Pesticide Testing and Research
- 13. Rural Development Training School
- * 14. Co-ordinated Rabies Control Program
- 15. Pesticide Aerial Applicators Training Course
- 16. PRIME Program (re Water Resources) for development and conservation
- 17. Department Emphasis on Total Marketing
- 18. Guaranteed loans for mink breeders feeding operation
- 19. Veterinary clinic for sparsely settled area

First over Saskatchewan and Manitoba

- 1. Agricultural and Vocational Colleges
- * 2. Regional Veterinary Laboratories
- 3. Improved services to agriculture by regionalization for extension and specialists
- * 4. Horticultural Station and Tree Nursery (production and research)
- 5. Rural Development Area
- * 6. Auction Market Inspection
- 7. Agricultural Chemicals Act and regulations, aquatic weed control, etc.

* Prior to 1965

